


<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  Sheet 1 of 6	<div style="text-align: center;">  </div> <div> <b>Application Number:</b> 10/646,527  <b>Filing Date:</b> August 22, 2003  <b>First Named Inventor:</b> Kenneth COLLINS, et al.  <b>Group Art Unit:</b> Unknown 1703  <b>Examiner Name:</b> Unknown ARANCIBITO  <b>Attorney Docket Number:</b> 008401 07         </div>
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### U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
MJE	US-2,344,138	03-14-1944	DRUMMOND	117	107	05-20-1940
	US-3,109,100	10-29-1963	GECEWICZ	250	219	05-19-1960
	US-3,576,685	04-27-1971	SWANN ET AL.	148	187	03-15-1968
	US-3,907,616	09-23-1975	WIEMER	148	188	08-16-1974
	US-4,116,791	09-26-1978	ZEGA	204	192	05-18-1977
	US-4,382,099	05-03-1983	LEGGE ET AL.	427	34	10-26-1981
	US-4,385,946	05-31-1983	FINEGAN ET AL.	148	175	06-19-1981
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Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)
MJE	EP 0 546 852 A1	16.06.1993	EUROPE	CHARLES ZAROWIN ET AL.	N/A
	EP 0 836 218 A2	15.04.1998	EUROPE	SERGIO EDELSTEIN ET AL.	N/A
	EP 0 964 074 A2	15.12.1999	EUROPE	ALEC DENHOLM ET AL.	N/A
	EP 1 111 084 A1	27.06.2001	EUROPE	JAMES BERNSTEIN ET AL.	N/A
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### NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Document Description
MJE	Zhang, B.C., and Cross, R.C., "A high power radio frequency transformer for plasma production," <i>Rev. Sci. Instrum.</i> , Vol. 69, No. 1, pp. 101-108, January 1998.
MJE	U.S. Patent Application Serial No.: 09/638,075, filed August 11, 2000, entitled, "EXTERNALLY EXCITED TORROIDAL PLASMA SOURCE," By Hiroji Hanawa, et al.

Examiner's Signature: Muneen Francis Date Considered: 1/3/06

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1/12



INFORMATION ON SEP 22 2003  
DISCLOSURE  
STATEMENT BY APPLICANT

Sheet 2 of 6

Application Number: 10/646,527  
Filing Date: August 22, 2003  
First Named Inventor: Kenneth COLLINS, et al.  
Group Art Unit: Unknown 1763  
Examiner Name: Unknown ARANCIBIA  
Attorney Docket Number: 008401 07

### U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
MPJ	US-4,481,229	11-06-1984	SUZUKI ET AL.	427	38	06-20-1983
	US-4,500,563	02-19-1985	ELLENBERGER ET AL.	427	38	12-15-1982
	US-4,521,441	06-04-1985	FLOWERS	427	38	12-19-1983
	US-4,539,217	09-03-1985	FARLEY	427	10	06-27-1984
	US-4,565,588	01-21-1986	SEKI ET AL.	148	186	10-10-1984
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	US-4,764,394	08-16-1988	CONRAD	427	38	01-20-1987
	US-4,778,561	10-18-1988	GHANBARI	156	643	10-30-1987
	US-4,867,859	09-19-1989	HARADA ET AL.	204	298	08-04-1987
	US-4,871,421	10-03-1989	OGLE ET AL.	156	643	08-15-1988
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	US-4,948,458	08-14-1990	OGLE	156	643	08-14-1990
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Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)
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	JP 59-86214	18.5.1984	JAPAN	UNKNOWN	NO
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MPJ	WO 93/18201	16.09.2003	WIPO	FELCH ET AL.	N/A

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials	

Examiner's Signature: *Mamee Arancibia*

Date Considered: 1/3/06

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT  Sheet 3 of 6	Application Number:	10/646,527
	Filing Date:	August 22, 2003
	First Named Inventor:	Kenneth COLLINS, et al.
	Group Art Unit:	Unknown 1703
	Examiner Name:	Unknown ARANCUBIA
Attorney Docket Number:		008401 07

U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
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	US-5,270,250	12-14-1993	MURAI ET AL.	437	165	12-23-1991
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	US-5,354,381	10-11-1994	SHENG	118	723	05-07-1993
	US-5,435,881	07-25-1995	OGLE	156	345	03-17-1994
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	US-5,514,603	05-07-1996	SATO	437	16	05-06-1994
	US-5,520,209	05-28-1996	GOINS ET AL.	137	246	12-03-1993
	US-5,542,559	08-06-1996	KAWAKAMI ET AL.	216	67	02-14-1994
	US-5,561,072	10-01-1996	SAITO	437	24	11-21-1994
	US-5,569,363	10-29-1996	BAYER ET AL.	204	192.32	10-25-1994
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Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)
MTC	WO 99/008123	07.01.1999	WIPO	DONALD SMITH ET AL.	N/A
MTC	WO 01/11650A1	15.02.2001	WIPO	LEONARD MAHONEY ET AL.	N/A
MTC	WO 02/25694 A2	28.03.2002	WIPO	JAMES BERNSTEIN ET AL.	N/A

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	

Examiner's Signature: *Manuel J. Garcia*

Date Considered: 1/3/04

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Sheet 4 of 6



Application Number: 10/646,527  
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Group Art Unit: ~~Unknown~~ 1763  
Examiner Name: ~~Unknown~~ ARANCIBIA  
Attorney Docket Number: 008401 07

U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
<i>MA</i>	US-5,587,038	12-24-1996	CECCHI ET AL.	156	345	06-16-1994
	US-5,627,435	05-06-1997	JANSEN ET AL.	315	111.21	02-15-1996
	US-5,648,701	06-15-1997	HOOKE ET AL.	315	111.21	06-28-1994
	US-5,654,043	08-05-1997	SHAO ET AL.	427	527	10-10-1996
	US-5,674,321	10-07-1997	PU ET AL.	118	723	04-28-1995
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	US-5,718,798	02-17-1998	DEREGIBUS	156	429	04-10-1996
	US-5,770,982	06-23-1998	MOORE	333	32	10-29-1996
	US-5,897,752	04-27-1999	HONG ET AL.	204	192.12	05-20-1997
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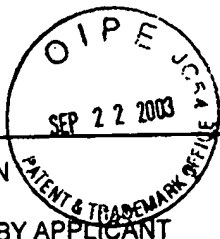
Examiner Initials	

Examiner's Signature: *Maureen J. Plante*

Date Considered: 1/3/04

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4/12



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Application Number: 10/646,527  
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First Named Inventor: Kenneth COLLINS, et al.  
Group Art Unit: ~~Unknown~~ 1763  
Examiner Name: ~~Unknown~~ ARANCIBIA  
Attorney Docket Number: 008401 07

U. S. PATENT DOCUMENTS

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Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)

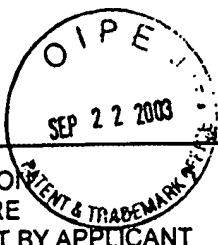
NON PATENT LITERATURE DOCUMENTS

Examiner Initials	

Examiner's Signature: *Munoz & Chancel*

Date Considered: 1/3/04

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INFORMATION  
DISCLOSURE  
STATEMENT BY APPLICANT

Sheet 6 of 6

Application Number: 10/646,527  
Filing Date: August 22, 2003  
First Named Inventor: Kenneth COLLINS, et al.  
Group Art Unit: Unknown 1763  
Examiner Name: Unknown ARANCIBIA  
Attorney Docket Number: 008401 07

U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
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Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)

Examiner's Signature: *Maurice J. Dranc*

Date Considered: 1/3/06

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6/12



INFORMATION  
DISCLOSURE  
STATEMENT BY APPLICANT

Sheet 1 of 1

Application Number: 10/646,527  
Filing Date: August 22, 2003  
First Named Inventor: Kenneth COLLINS, et al.  
Group Art Unit: ~~Unknown~~ **A703**  
Examiner Name: ~~Unknown~~ **ARANCUBIA**  
Attorney Docket Number: 6915 P07

U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
<i>note</i>	US-5,288,650	02-22-1994	SANDOW	437	24	10-09-1992
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	US-6,013,567	01-11-2000	HENLEY ET AL.	438	515	05-05-1999
	US-6,103,599	08-15-2000	HENLEY ET AL.	438	459	06-03-1998
	US-6,153,524	11-28-2000	HENLEY ET AL.	438	691	07-28-1998
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	US-6,187,110 B1	02-13-2001	HENLEY ET AL.	148	33.2	05-21-1999
	US-6,207,005 B1	03-27-2001	HENLEY ET AL.	156	345	07-28-1998
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	US-6,265,328 B1	07-24-2001	HENLEY ET AL.	438	782	01-28-1999
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<i>V</i>	US-6,321,134 B1	11-20-2001	HENLEY ET AL.	700	121	07-28-1998

Examiner's Signature:

*Maureen J. Thorne*

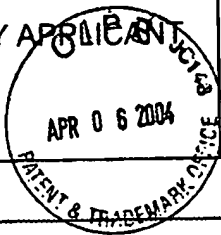
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*1/3/06*

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Sheet 1 of 1



Application Number: 10/646,527  
Filing Date: August 22, 2003  
First Named Inventor: Kenneth COLLINS, et al.  
Group Art Unit: 1733-1763  
Examiner Name: Unknown ARANCIOJA  
Attorney Docket Number: 6915 P07

U. S. PATENT DOCUMENTS

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	US-6,096,661	08-01-2000	NGO ET AL.	438	788	12-15-1998
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NON PATENT LITERATURE DOCUMENTS

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Examiner's Signature: Maureen Arancioja

Date Considered: 1/3/04

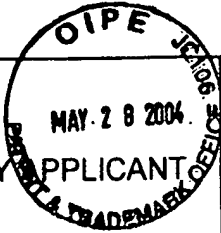
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8/12



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Sheet 1 of 1



Application Number: 10/646,527  
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Group Art Unit: 1733  
Examiner Name: Unknown  
Attorney Docket Number: 006915 P07

U. S. PATENT DOCUMENTS

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<i>WJG</i>	US-5,074,456	12-24-1991	DEGNER ET AL.	228	121	09-18-1990
<i>↓</i>	US-5,653,811	08-05-1997	CHAN	118	723	07-19-1995
<i>↓</i>	US-6,000,360	12-14-1990	KOSHIMUZU	118	723	07-02-1997
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<i>↓</i>	US-6,679,981 B1	01-20-2004	PAN ET AL.	204	298.06	05-11-2000

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials	

Examiner's Signature: *Maureen J. Francis*

Date Considered: *1/3/06*

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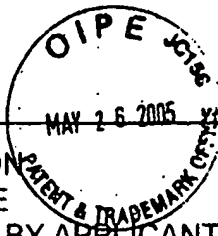
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**Examiner's Signature:**

Date Considered: 11/3/06

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10/12



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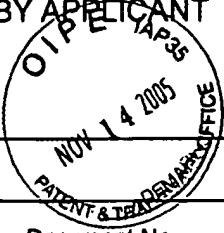
Examiner's Signature: *Manner*

Date Considered: 11/12/06

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

11/12

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  Sheet 1 of 1	Application Number:	10/646,527
	Filing Date:	August 22, 2003
	First Named Inventor:	Kenneth COLLINS, et al.
	Group Art Unit:	1763
	Examiner Name:	Maureen G. Arancibia
	Attorney Docket Number:	006915 P07



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Examiner's Signature: *Maureen G. Arancibia*

Date Considered: *1/13/06*

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

62/12